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Patent Abstract

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GER 2002-01-17 10033343

KRAFTSTOFFEINSPRITZANLAGE FOR A COMBUSTION MOTOR

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Kraftstoffeinspritzanlage for a combustion motor, especially a diesel engine, with at least two cylinders, with what the Kraftstoffeinspritzanlage shows two Aktorelemente at least and is assigned each cylinder one Aktorelement at least each with what to the injection of fuel into the cylinder and shows the Kraftstoffeinspritzanlage an Einspritzregelung with what

to the supervision of und/oder solving of a conflict when heading for the Aktorelemente.

EXEMPLARY CLAIMS- 1. Fuel fuel injection system fr a combustion engine, in particular a diesel engine, by at least two cylinders, whereby the fuel fuel injection system exhibits at least two actuator elements, and whereby at least one actuator element each is assigned to each cylinder for the injection of fuel into the cylinder, thereby marked since the fuel fuel injection system exhibits an injecting regulation to berwachung and/or to the Lsen of a conflict when heading for the actuator elements. 2. Fuel fuel injection system according to requirement 1, by characterized since the actuator elements are piezoelectric elements. 3. Fuel fuel injection system according to requirement 1, by characterized since the actuator elements are single solenoid valves. 4. Fuel fuel injection system fr a combustion engine, in particular a diesel engine, with at least two cylinders, whereby the fuel fuel injection system exhibits at least two piezoelectric elements and each cylinder at least per a piezoelectric element for the injection of fuel into the cylinder in shop or unloading of the piezoelectric element is assigned, and whereby piezoelectric elements on at least side essentially directly with one another electrical connected are by it marked, since the fuel fuel injection system an injecting regulation to berwachung whether a piezoelectric element is loaded, if-or it will unload the other piezoelectric element ge is, exhibits. 5. Fuel fuel injection system fr combustion engine, in particular diesel engine, by at least two cylinders, whereby the fuel fuel injection system exhibits at least two piezoelectric elements and each cylinder at least per a piezoelectric element for the injection of fuel into the cylinder in shop or unloading of the piezoelectric element is assigned, and whereby only one tender unit is assigned to the piezoelectric elements for loading or unloading the piezoelectric element, thereby marked, since the fuel fuel injection system an injecting regulation to

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